

1300517

full race

Bmw M20 B20 125hp

I-6cyl 2.0L 12v SOHC (RP/RP)



intake

exhaust

camshaft data:

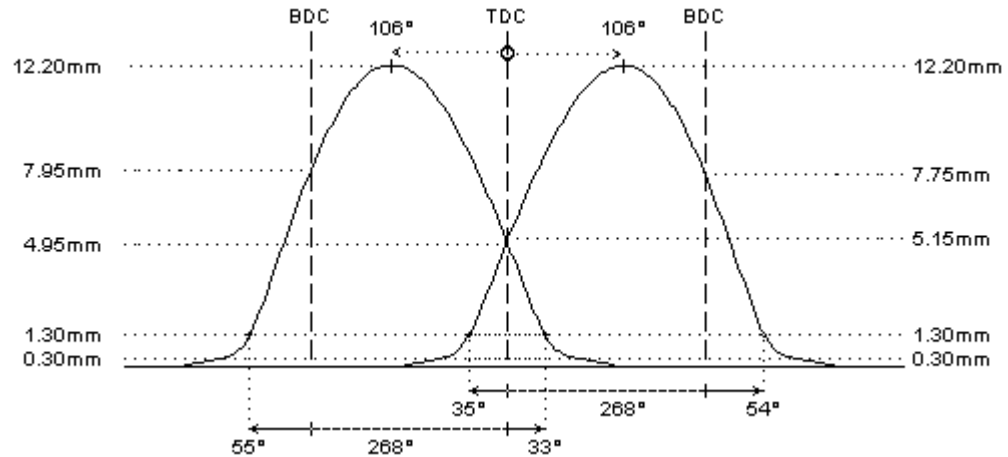
lash ramp	: 0.30mm	0.30mm
duration @ 0.1mm	: 308°	309°
duration @ 1.0mm	: 269°	269°
valve lift	: 12.05mm	12.20mm
cam lift	: 7.70mm	7.75mm
lobe angle	: 106°	106°
timing @ 1.0mm	: 35° / 54°	55° / 34°
valve lift @ TDC	: 5.05mm	5.00mm

parts setup:

cam wheels :	: CTBM030	:
follower	: O.E.M.	: O.E.M.
valve lash	: O.E.M.	: O.E.M.
valve	: O.E.M.	: O.E.M.
valve locks	: O.E.M.	: O.E.M.
upper retainer	: O.E.M.	: O.E.M.
lower retainer	: O.E.M.	: O.E.M.
exterior spring	: PAC-E95009	: PAC-E95009
interior spring	: PAC-I95009	: PAC-I95009

fitted load / length	: 35kg @ 35.0mm	: 35kg @ 35.0mm
max. load / lift	: 111kg @ 14.0mm	: 111kg @ 14.0mm

REMARKS :



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- # FOR COMPETITION APPLICATIONS ONLY. Following details must be verified:
 - the camshafts must turn smooth in the cylinderhead, provide free travel by machining where needed
 - distance between valve seal and retainer at full lift must be 0.6mm at least
 - minimum valve spring travel of 1.0mm at full lift must be provided
 - distance between valve and piston 1.0mm (pref. 1.5mm). check 5-15° before TDC on exhaust, and after TDC on intake
- # ONLY for use in competition engines with independent engine management (throttle position sensor) or carburetors